S 3526 AIR CONDITIONER

Product data sheet 2011

Product range	split unit air conditioners
Brand name	Zibro
Model	S3526
Colour design	Zibro white
EAN code indoor unit	8713508761473
EAN code outdoor unit	8713508761480

Technical specifications

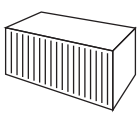
		Cooling	Heating
EER / COP *	W/W	5,0	5,23
EE-Class / Heating performance *		A	A
Capacity * nom.	kW	2,6	2,9
Capacity * (min-max)	kW	0,76 - 3,37	0,76 - 3,81
Power consumption (nom.)	kW	0,52	0,55
Power supply	V/Hz/Ph	230~ / 50 / 1	
Current ** nom. (min-max)	A	5,0	
Air flow (min-max.) **	m^3/h	600 - 820	
For rooms up to **	m^3	65 - 90	
Dehumidification capacity ***	L/24 h	25	
Operating range	°C	-15 - 50	
Thermostatic range	°C	17 - 30	
Sound pressure level indoor**	dB(A)	26 - 39	
Sound pressure level indoor low noise mode**	dB(A)	21	
Sound pressure level outdoor**	dB(A)	53	
Fan speed		3 positions + silent mode	
Control		electronic / remote	
Air filter	type	Screen/active carbon/3M HAF	
Refrigerant type / charge	R / gr	R410A / 1250	
Max. length refr. pipe between in- / outdoor unit	m	20	
Max. diff. in height between in- / outdoor unit	m	8	
Dimensions indoor (w x h x d)	mm	850x305x225	
Dimensions outdoor (w x h x d)	mm	760x285x590	
Compressor type		Twin Rotary DC Inverter	
Protection class indoor	IP	IP 20	
Protection class outdoor	IP	IP 24	
Weight indoor	kg	11	
Weight outdoor	kg	37	
Guarantee	years	4	

* *Measured conform EN 14511-2007*

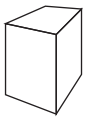
** *To be used as indication*

*** *Moisture removal at 32°C, 80% RH*

guarantee 4 YEARS



20 ft = ...
40 ft = 180
HQ = 216



W x D x H =
in: 945x313x385mm
out: 887x355x645mm

Gross =
14 kg/
40 kg

Accessories

Remote control (ABS 11FP 35)	8713508761510
Remote control holder	
2 pcs. AAA batteries	
4 metres drainage tube	
User manual	
Installation manual	

Most important spare parts

Spare part description	EAN Code

zibro®
home made climates

S 3526 AIR CONDITIONER

Features

"Low sound" Mode: This high class air conditioning is equipped with a special low sound mode. In this mode the air conditioner will operate on a whispering quiet level.

My comfort: With this function the temperature sensor built in the remote controller is activated and replaces the sensor of the indoor unit. Then the aircon will control the room temperature based on the temperature around the remote controller. Hence increasing the personal comfort.

3D Inverter technology; maximum comfort: Like all Inverter systems the Zibro DC Inverter Wall Mounted Split air conditioner continuously adjusts its cooling and heating capacity according to the desired room temperature. The 3D Inverter technology provides extra comfort. When the desired temperature is reached, 1) the compressor speed will be adjusted, 2) the outdoor fan speed is adjusted and 3) the indoor fan speed is gradually decreased. All this to maintain the desired room temperature with a minimum of variation. Thanks to the 3D technology, the expected lifetime as well as the experienced comfort level is increased, since non-Inverter systems will switch on/off and cause temperature fluctuations.

3D Inverter technology: The injection of refrigerant through an electronic expansion valve (EEV) is based upon the difference between real room temperature and desired room temperature. With the combination of the advanced Inverter technology, EEV metering device and the DC-Twin rotary compressor, an extremely high efficiency with a minimum energy consumption is possible. As a result, the overall power consumption is reduced significantly (up to 30% less than conventional Inverter types).

DC-Twin rotary compressor: High-tech energy saving compressor. The rotor of the unit is optimally balanced which results in less vibrations and therefore less stress on components. Additional benefit is the reduced sound pressure level of the outdoor unit.

Cooling + dehumidifying + heating (heat pump): The air conditioning is a complete air treatment system. It can cool, dehumidify and heat the air.

Air conditioning: In COOLING mode the unit produces a pleasant and refreshing cool airflow.

Heating: In HEATING mode the unit produces a warm and comfortable airflow. Because also the free of charge energy from the outdoor air is used the efficiency of the system can reach up to 450%

Dehumidifying: In DRY mode the unit dehumidifies the air in the room as efficient as possible. Note: In COOLING mode the air is also dehumidified.

EXTRA: frost protection in outdoor unit: The outdoor unit is provided with a PTC heating cable. When the system is working as a heater in the wintertime the PTC heating cable will keep the drip pan in the outdoor unit clear of ice, making sure the condensate water can reach the drain point. Furthermore also the compressor crankcase is provided with a heating cable. Ensuring the unit can perform and start up at extreme weather conditions.

EXTRA: anti-corrosion treatment in outdoor unit: The Zibro Golden Fin corrosion treatment on the outdoor condenser heat exchanger improves the heating efficiency and accelerates the defrosting process. The unique anti corrosive Golden Fin coating can withstand salty air and rain in a superb way resulting in a longer expected lifetime of the condenser.

EXTRA: Home Freezing prevention: Upon pressing the FP button the unit will go into the freezing prevention mode. The unit will overrule the indoor temperature setting and set it to approx 8-10°C. In this way preventing your home from freezing during cold periods at the lowest possible energy consumption. When this mode is selected the indoor unit display will show “FP”. This button can only be operated in heating mode.

Environment friendly refrigerant R410A: The most preferred and environmental friendly refrigerant R410a is used in the air conditioner.

Turbo mode: With the Turbo mode the air conditioner will reach the preset temperature in the shortest possible time.

3-layer air filter: The air conditioner is equipped with a 3 layer filter package to clean the circulated room air. The 3M™ HAF air filter delivered together with this unit captures allergens like bacteria, dust and pollen from the circulated air with an efficiency up to 80%. Pollen are well known as an important stimulus for hay-fever allergy. The active carbon filter removes unpleasant odours from the air and the screen filter captures large dust particles. The screen filter can be cleaned with a vacuum cleaner and/or lukewarm water. Per season 2 to 3, 3M™ HAF and active carbon filters will be used. These filters are available in a consumer package (including 1 3M™ HAF and 1 active carbon filter).

Remote control with LCD screen: The unit can be operated with an easy to handle remote control including LCD-display. Using the remote control the air conditioner can be operated up to a distance of approx. 8 metres.

Remote control holder: The remote control can be placed in the wall mounted remote control holder which is delivered together with the unit.

Adjustable airflow: The up-down airflow can be automatically changed by using the SWING mode. The left-right airflow can be changed manually.

Sleep Mode: This function enables the air conditioner to increase (cooling) or decrease (heating) automatically 1°C per hour for the first two hours and then maintain the same temperature for five hours after which the air conditioner will stop operating automatically. It maintains the most comfortable temperature and saves energy at the same time.

Fan speed setting: Select with FAN speed button: Automatic, Low, Medium or High. The LCD display on the remote control will show the chosen speed.

Automatic operation: The air conditioning system can be set to automatic operation for the most suitable MODE: Cooling, Dehumidifying or Heating, monitoring the indoor temperature.

Auto restart function: If there is any power failure during operation, the operation status before power failure is memorised and the unit starts operating automatically after power recovery.

Timer: Use TIMER or set a working time between 30 minutes and 24 hours. The preset time appears in the display of the remote control. The unit switches ON or OFF automatically when this time is passed.

Full colour box: The unit is delivered completely with all auxiliary parts in a full colour box for the indoor unit showing application and operation information in multiple languages.